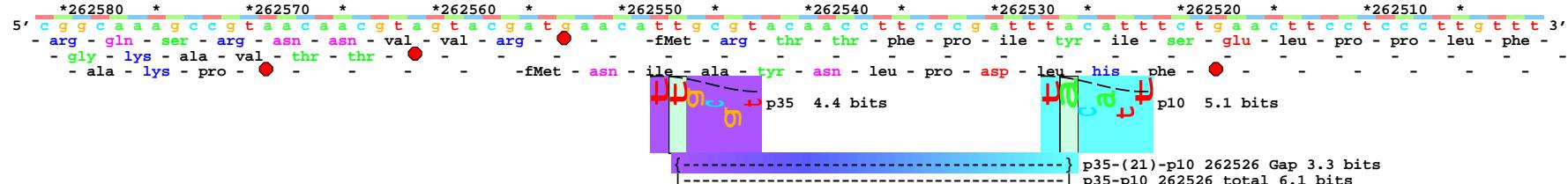


- 1 -

piece 1, NC_000913, thrW_ykFI-, config: linear, direction: -, begin: 262581, end: 262151



```
{-----} p35-(24)-p10 262357 Gap 2.4 bits  
|-----| p35-p10 262357 total 6.1 bits  
|-----| p10 5.7 bits  
  
{-----} p35-(21)-p10 262356 Gap 3.3 bits  
|-----| p35-p10 262356 total 7.4 bits
```

Diagram illustrating the *thrW_ykfI* operon structure in *E. coli* K-12 MG1655. The diagram shows the DNA sequence (5' to 3') with various genes and regulatory elements. The *thrW* gene is transcribed in the opposite direction of the *ykfI* genes. Two *ykfI* genes are located downstream of *thrW*. An additional gene, *orf12*, is also present. The diagram highlights several tRNA genes (red arrows) and RNA hairpins (green arrows). Codons are indicated by dashed boxes, and specific amino acids are shown below the sequence.

sd-ir 262310 thrW_ykfI- total 6.0 bits

 p35 1.5 bits
 {----- ... p35-(23)-p10 262253 Gap
 |----- ... p35-p10 262253 total 6.

